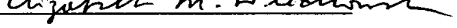
No new matter is added by these amendments. Applicant respectfully requests entry of this Amendment.

Respectfully submitted,

Dated: May 13, 2003

By: 

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Version with markings to show changes made:

On pages 26, in the last paragraph, starting at line 34 and spanning to page 27, line 1:

– A mouse stromal cell line produced by this procedure is called 2018 and was deposited on October 30, 1991 in the American Type Culture Collection, [Rockville, Maryland, USA] 10801 University Blvd., Manassas, VA, 20110-2209 U.S.A. (ATCC); accession number CRL 10907.--

On page 28, in the third paragraph, lines 20-26:

– Non-adherent fetal stem cells attach to the stromal cells and form colonies (colony forming unit - CFU). Stromal cells and CFU are isolated by means of sterile glass cylinders and expanded in culture. A clone, called Fsp 62891, contains the flk-2 ligand. Fsp 62891 was deposited in the American Type Culture Collection, [Rockville, Maryland, U.S.A] 10801 University Blvd., Manassas, VA, 20110-2209 U.S.A. on November 21, 1991, accession number CRL 10935.--

On page 28, in the last paragraph, lines 28-35:

--Fetal liver and thymus cells are prepared in a similar way. Both of these cell types produce ligands of flk-1 and, in the case of liver, some flk-2. One such fetal thymus cell line, called F.thy 62891, and one such fetal liver cell line, called FL 62891, were deposited in the American Type Culture Collection, [Rockville, Maryland, U.S.A] 10801 University Blvd., Manassas, VA, 20110-2209 U.S.A. on November 21, 1991 and April 2, 1992, respectively, accession numbers CRL 10936 and CRL 11005, respectively.--

On page 44, in the second full paragraph, lines 18-25:

–A synthetic DNA fragment (Fragment 1) is synthesized using complementary oligonucleotides BP1 and BP2 (see below and SEQ. ID. NOS. 7 and 8). The fragment encoded the following features in the 5' to 3' order: Sal I restriction site, 22 base pair (bp) 5' untranslated region containing an eukaryotic ribosome binding site, an ATG

initiation codon, preprotrypsinogen signal sequence, coding region for the FLAG peptide (DYKDDDDKI) (SEQ ID NO:11) and Bgl II restriction site.--

On page 45, in the second full paragraph, lines 15-30:

The sequences of oligonucleotides used to construct the Flag-Flk2 gene are given below:

Oligonucleotide BP1 (SEQ ID NO:7):
5'-AATTCGTCGACTTTCTGTCACCATGAGTGCACTTCTGATCCTAGCCCTTGTG
GGAGCTGCTGTTGCTGACTACAAAGATGATGATGACAAGATCTA-3'

Oligonucleotide BP2 (SEQ ID NO:8):
5'-AGCTTAGATCTTGTCATCATCATCTTTGTAGTCAGCAACAGCAGCTCCCACA
AGGGCTAGGATCAGAAGTGCACTCATGGTGACAGAAAGTCGACG-3'

Oligonucleotide BP5 (SEQ ID NO:9):
5'-TGAGAAGATCTCAAACCAAGACCTGCCTGT-3'

Oligonucleotide BP10 (SEQ ID NO:10):
5'-CCAATGGCGGCCGCTCAGGAGATGTTGTCTTGGA-3'

On pages 49, in the last paragraph, starting at line 23 and spanning to page 50, line 4:

--The invention as claimed is enabled in accordance with the above specification and readily available references and starting materials. Nevertheless, Applicants have deposited with the American Type Culture Collection, [Rockville, Md., USA] 10801 University Blvd., Manassas, VA, 20110-2209 U.S.A.(ATCC) the cell lines listed below:

2018, ATCC accession no. CRL 10907, deposited October 30, 1991.
Fsp 62891, ATCC accession no. CRL 10935, deposited November 21, 1991.
F.thy 62891, ATCC accession no. CRL 10936, deposited November 21, 1991.
FL 62891, ATCC accession no. CRL 11005, deposited April 2, 1992.--